**The Student Enrollment System**

The enrollment process works as follows:

1. Students send in an application form containing their personal details, and their desired course.

2. The College checks that the course is available and that the student has necessary academic qualifications.

3. If the course is available the student is enrolled in the course, and the College confirms the enrolment by sending a confirmation letter to the student.

OR

4. If the course is unavailable the student is sent a rejection letter.

Part 1. Identify the EE, P, DS, DF

1. A student (EE) sends in an application form (DF) containing their personal details, and their desired course.
2. The College checks (P) that the course is available.
3. If the course is available the student is enrolled (P) in the course, and the College confirms (P) the enrolment by sending a confirmation letter (DF) that they are registered for the course to the student.

OR

1. If the course is unavailable the student is sent a rejection letter (DF).

Q1. Create a Context Diagram (Level 0) using Draw.io

Diagram

Description automatically generated

Q2. Create a Level 1 DFD using Draw.io

External Entity – Student

Processes - Check available, Enrol student, Confirm Registration

Data Flows - Application Form, Course Details, Course Enrolment Details, Student Details, Confirmation/Rejection Letter

Data Stores - Courses, Students.

Diagram

Description automatically generated